Claims

[1]   A waveform generation method characterized in that input data into a D/A converter are provided to the D/A converter in order at a timing at which a voltage of a desired waveform which has D/A conversion data indicating a conversion amount of the input data obtained by varying the input data by a minimum conversion unit or a unit obtained by multiplying the minimum conversion unit by an integer, and which varies with time series, becomes substantially equal to a D/A-converted voltage, whereby the D/A-converted voltage is generated in accordance with the desired waveform.

[2]   A waveform generation method according to claim 1, wherein, when the D/A conversion data are obtained, a voltage measuring means is connected to the D/A-converted voltage-generating portion to measure the D/A converted voltage and after obtaining the D/A conversion data, the voltage measuring means is then released from the D/A-converted voltage-generating portion.

[3]   Radar device characterized in that the radar device includes a storage means for storing a timing at which a D/A-converted voltage in D/A conversion data obtained by varying input data into a D/A converter by a minimum conversion unit or by a unit obtained by multiplying the minimum conversion unit by an integer and a voltage of a desired waveform varying with time series become substantially equal to each other, a

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waveform storage means for registering the input data at the timing, a time control means for giving the input data to the D/A converter at the timing, and an oscillation means for varying an oscillation frequency in accordance with a variation of the D/A-converted voltage.

[4]   Radar device according to claim 3, wherein the desired waveform is set to a waveform which renders constant a rate of change of the oscillation frequency varying with time series.

[5]   An oscillator for radar device characterized in that the oscillator includes a time storage means for storing correspondingly to input data in a D/A converter a timing at which a D/A conversion voltage in D/A conversion data obtained by varying the input data by a minimum conversion unit or by a unit obtained by multiplying the minimum conversion unit by an integer and a voltage of a desired waveform varying with time series become substantially equal to each other, a time control means for providing the input data to the D/A converter at the timing, and an oscillation means for varying an oscillation frequency in accordance with the variation of the D/A conversion voltage.